

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/575,469
Source: TFWP
Date Processed by STIC: 02/10/2007

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 02/10/2007

PATENT APPLICATION: US/10/575,469

TIME: 09:47:51

Input Set : E:\22327 Sequence Listing.txt

Output Set: N:\CRF4\02102007\J575469.raw

3 <110> APPLICANT: Roche Molecular Systems
 5 <120> TITLE OF INVENTION: Method for Distinguishing Who Classified AML Subtypes
 7 <130> FILE REFERENCE: 22327-US
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/575,469
 C--> 10 <141> CURRENT FILING DATE: 2006-04-14
 12 <150> PRIOR APPLICATION NUMBER: PCT/EP2004/012471
 13 <151> PRIOR FILING DATE: 2003-11-04
 15 <160> NUMBER OF SEQ ID NOS: 239
 17 <170> SOFTWARE: PatentIn version 3.4
 19 <210> SEQ ID NO: 1
 20 <211> LENGTH: 491
 21 <212> TYPE: DNA
 22 <213> ORGANISM: Homo sapiens
 25 <220> FEATURE:
 26 <221> NAME/KEY: misc_feature
 27 <223> OTHER INFORMATION: n = any nucleotide
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 32 aagaaacaga acactggctc aaagaaaagc aataaaaata agagtggcaa gaaccagttt 120
 34 aacagagggtg gtggccatag aggacgtgga ggattcaata tgcgtggtgg aaatttcaga 180
 36 ggaggagccc ctgggaatcg tggcggatat aataggaggg gcaacatgcc acagagaggt 240
 38 ggtggcgggtg gaggaagtgg tggaatcggc tatccatacc ctctgcccc tgtttttcct 300
 40 ggccgtggta gttactcaaa cagaggggaac tacaacagag gtggaatgcc caacagaggg 360
 42 aactacaacc agaacttcag aggacgagga aacaatcgtg gctacaaaaa tcaatctcag 420
 44 ggctacaacc agtggcagca gggccaattc tggggtcaga agccatggag tcagcattat 480
 46 caccaaggat a 491
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 50 <211> LENGTH: 307
 51 <212> TYPE: DNA
 52 <213> ORGANISM: Homo sapiens
 54 <400> SEQUENCE: 2
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 57 cgctttctac actgtattac ataaataaat taaataaaat aaccccgggc aagacttttc 120
 59 tttgaaggat gactacagac attaaataat cgaagtaatt ttgggtgggg agaagaggca 180
 61 gattcaattt tctttaacca gtctgaagtt tcatttatga taaaaagaa gatgaaaatg 240
 63 gaagtggcaa tataagggga tgaggaaggc atgcctggac aaacccttct ttttaagatgt 300
 65 gtcttca 307
 68 <210> SEQ ID NO: 3
 69 <211> LENGTH: 519
 70 <212> TYPE: DNA
 71 <213> ORGANISM: Homo sapiens
 73 <400> SEQUENCE: 3
 74 gtttggaaact ttaatagcgt tgcaacgaaa tcctatatcc agtttcctgt aatttaattg 60

CPg-6)

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76 aagaaaaata catccaaata aagactttat tattaacaga ccagatagca tcagaaatca 120
78 tgtgactggt atgattatca gaatatgtct taacttttta gggcaaagtt aacactgaaa 180
80 gttctagctt aagtgttgaa acttttgtgg gaaaaaaaaa tcacttttga aactcagact 240
82 tcagtgtata cccaataatt taaaattatg tgaaatgttt taaatttgtg aactcgtaat 300
84 tactgtttta atgattcagt ttcttcagag tggtaattgt ataaaattgc tattgcagct 360
86 ttatattcaa tatgatgtgc ctgtaaacca aggagttttc cccgtttgta aaaagacatt 420
88 gtagataatt gaatgtttga ttttagaaag gtcattagtt tcttgttaca cattttgtta 480
90 gtctggtttt tgttgcttat cgggtttaat attgttctt 519
93 <210> SEQ ID NO: 4
94 <211> LENGTH: 140
95 <212> TYPE: DNA
96 <213> ORGANISM: Homo sapiens
98 <400> SEQUENCE: 4
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101 tctattctct aaataatgat ggggctaagt tatacccaaa gtcacttta caaaatattt 120
103 cctcagtact ttgcagaaaa 140
106 <210> SEQ ID NO: 5
107 <211> LENGTH: 425
108 <212> TYPE: DNA
109 <213> ORGANISM: Homo sapiens
111 <400> SEQUENCE: 5
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114 cctttttatc tgatctgtga ttaaagcagt aatattttta gatggactgg gaaaaacatc 120
116 aactcctgaa gttagaaata agaatgggtt gtaaaatcca cagctatatc ctgatgtctg 180
118 atggtattaa tcttgtgtag tcttcaactg gtagtgtgga aatagttctg ccacctctga 240
120 cgcaccactg ccaatgctgt acgtactgca tttgcccctt gagccagggt gatgtttacc 300
122 gtgtgttata taacttcctg gctccttcac tgaacatgcc tagtccaaca ttttttccca 360
124 gtgagtcaca tcttgggatc cagtgtataa atccaatatc atgtcttgtg cataattctt 420
126 ccaaa 425
129 <210> SEQ ID NO: 6
130 <211> LENGTH: 454
131 <212> TYPE: DNA
132 <213> ORGANISM: Homo sapiens
134 <400> SEQUENCE: 6
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137 gtgggtgtct tgtgtccgct tctcgcccaa cagcagcaac cctatcatcg tctcctgtgg 120
139 ctgggacaag ctggtcaagg tatggaacct ggctaactgc aagctgaaga ccaaccacat 180
141 tggccacaca ggctatctga acacggtgac tgtctctcca gatggatccc tctgtgcttc 240
143 tggaggcaag gatggccagg ccatgttatg ggatctcaac gaaggcaaac acctttacac 300
145 gctagatggg ggggacatca tcaacgccct gtgcttcagc cctaaccgct actggctgtg 360
147 tgctgccaca ggccccagca tcaagatctg ggatttagag ggaaagatca ttgtagatga 420
149 actgaagcaa gaagttatca gtaccagcag caag 454
152 <210> SEQ ID NO: 7
153 <211> LENGTH: 373
154 <212> TYPE: DNA
155 <213> ORGANISM: Homo sapiens
157 <400> SEQUENCE: 7
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160 agggacggag ccggactgga catggtcact cagtaccgcc tgcagtgtcg ccatgactga 120

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162 tcatggctct tgcatttttg ggtaaatgga gacttccgga tcctgtcagg gtgtccccc 180
164 tgcctggaag aggagctggt ggctgccagc cctggcggcg gcacagcctg ggcctcccct 240
166 tccctcaagc cagggctcct cctcctgtcg tgggctcatt tgccaggctc aggccaggctc 300
168 tggacagctg tgactctcct caagccagga ctaccgacca gccggctatg ggcacattac 360
170 gtgaccactg gcc 373
173 <210> SEQ ID NO: 8
174 <211> LENGTH: 494
175 <212> TYPE: DNA
176 <213> ORGANISM: Homo sapiens
178 <400> SEQUENCE: 8
179 agtgccgaca ggacgggcat tgattacaac ggggaacgca cgctggatgg ttttaagaaa 60
181 ttcctagaga gcgggtggcca agatggggca ggggatgttg acgacctcga ggacctcgaa 120
183 gaagcagagg agccagacat ggaggaagac gatgaccaga aagctgtgaa agatgaactg 180
185 taatacgcaa agccggaccc gggcgctgcc gagaccctc gggggctgca caccagcag 240
187 cagcgcacgc ctccgaagcc tgcggcctcg cttgaaggag ggcgtcgccg gaaacccaag 300
189 gaacctctct gaagtgcacac ctacacctta cacaccgtcc gttcaccccc gtctcttct 360
191 tctgcttttc ggtttttgga aaacccggat cctactctag gcagcccacc ttggtgggct 420
193 tgtttcctga aaccatgatg tactttttca tacatgagtc tgtccagagt gcttgctacc 480
195 gtgttcggag tctc 494
198 <210> SEQ ID NO: 9
199 <211> LENGTH: 434
200 <212> TYPE: DNA
201 <213> ORGANISM: Homo sapiens
203 <400> SEQUENCE: 9
204 cctacttcgg tatctatgac actgcaaagg gaatgcttcc ggatcccaag aacactcaca 60
206 tcgtcatcag ctggatgatc gcacagactg tcaactgctg tgccgggttg acttcctatc 120
208 catttgacac cgttcgccgc cgcgatgatg tgcagtcagg gcgcaaagga actgacatca 180
210 tgtacacagg cagcgttgac tgctggcgga agattgctcg tgatgaagga ggcaaagctt 240
212 ttttcaaggg tgcattgctc aatgtttctca gaggcattgg tgggtgcttt gtgcttgtct 300
214 tgtatgatga aatcaagaag tacacataag ttattttcta ggatttttcc ccctgtgaac 360
216 aggcattgtt tattctataa cacaatcttg agcattcttg acagactcct ggctgtcagt 420
218 ttctcagtgg caac 434
221 <210> SEQ ID NO: 10
222 <211> LENGTH: 416
223 <212> TYPE: DNA
224 <213> ORGANISM: Homo sapiens
226 <400> SEQUENCE: 10
227 gttggttcaa acttttggga gcacggactg tcagttctct gggaagtggg cagcgcatcc 60
229 tgcagggctt ctctctctct gtcttttgga gaaccagggc tcttctcagg ggctctaggg 120
231 actgccaggc tgtttcagcc aggaaggcca aaatcaagag tgagatgtag aaagtgttaa 180
233 aatagaaaaa gtggagttgg tgaatcggtt gttctttcct cacatttgga tgattgtcat 240
235 aaggttttta gcatgttcct ccttttcttc accctcccct ttgttcttct attaatacaag 300
237 agaaacttca aagttaatgg gatggctcga tctcacaggc tgagaactcg ttcacctcca 360
239 agcatttcat gaaaaagctg cttcttatta atcatacaaa ctctcaccat gatgtg 416
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243 <211> LENGTH: 415
244 <212> TYPE: DNA
245 <213> ORGANISM: Homo sapiens
247 <400> SEQUENCE: 11

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248 accccttgtg aagcccaaga tcgtcaaaaa gagaaccaag aagttcatcc ggcaccagtc      60
250 agaccgatat gtcaaaatta agcgttaactg gcggaaaccc agaggcattg acaacagggg      120
252 tcgtagaaga ttcaagggcc agatcttgat gccaacatt ggttatggaa gcaacaaaaa      180
254 aacaaagcac atgctgcccc gtggcttccg gaagttcctg gtccacaacg tcaaggagct      240
256 ggaagtgtcg ctgatgtgca acaaatttta ctgtgccgag atcgctcaca atgtttcctc      300
258 caagaaccgc aaagccatcg tggaaagagc tgcccaactg gccatcagag tcaccaaccc      360
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264 <211> LENGTH: 423
265 <212> TYPE: DNA
266 <213> ORGANISM: Homo sapiens
268 <400> SEQUENCE: 12
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271 aaggaaaaaa agaaaaaac cttatctctt gcccttattt tgaattttcc actctttcat      120
273 taatttgttt taagctcctg ttggaaaaaa aggggtagtg cattttaaat tgaccttcat      180
275 acgcttttaa aataagacaa atctacttga taatgtacct ttatttgatc tcaagttgta      240
277 taaaaccaat aaatttgtgt tactgcagta gtaatcttat gcacacggtg atttcatgtt      300
279 atatatgcaa agtaggcaac tgttttctta gttacagaag tttcaagctt cacttttgtg      360
281 cagtagaaac aaaagtaggc tacagtctgt gccatgttga tgtacagttt ctgaaattgt      420
283 ttt      423
286 <210> SEQ ID NO: 13
287 <211> LENGTH: 358
288 <212> TYPE: DNA
289 <213> ORGANISM: Homo sapiens
291 <400> SEQUENCE: 13
292 tgcttctgga cacctgggac caggtctttg tctgggttgg aaaggattct caagaagaag      60
294 aaaagacaga agccttgact tctgctaagc ggtacatcga gacggacca gccaatcggg      120
296 atcggcggac gcccatcacc gtggtgaagc aaggctttga gcctccctcc ttgtgggct      180
298 ggctccttgg ctgggatgat gattactggg ctgtggaccc cttggacagg gccatggctg      240
300 agctggctgc ctgaggaggg gcagggccca cccatgtcac cggtcagtgc cttttggaac      300
302 tgtccttccc tcaaaagggc cttagagcga gcagagcagc tctgctatga gtgtgtgt      358
305 <210> SEQ ID NO: 14
306 <211> LENGTH: 529
307 <212> TYPE: DNA
308 <213> ORGANISM: Homo sapiens
310 <400> SEQUENCE: 14
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313 gggaaaagaag ctgagtttgc cagcataagt gccaaagacc atcaccagca tctgtccttc      120
315 aggggtgctcg gacagaattc ttaccacagc aaaggcataa gatgcttgat acggaaaatc      180
317 agaaacttaa ctcttttgtt gcagatagtc atcagtggct ctgtaaaaaac gcagaggaaa      240
319 agagccagaa ggtttctgtt taatgcatct tgccttatct ttttttatta ctgtgtacaa      300
321 agattttttt acacaaagaa acttaatgct gtattaataa attcagtggt tagcttcaat      360
323 tgggatagtt ccaaaagtga agattttgtg aggaataagt gcaaattttt tttttatttt      420
325 aaaaaattct ttgaaactct taagtctttg tgtctgcaat gaaattgtac tccttgacag      480
327 ttgatagatt atgtattctt ccatccctca aacttgcatt ccactatat      529
330 <210> SEQ ID NO: 15
331 <211> LENGTH: 529
332 <212> TYPE: DNA
333 <213> ORGANISM: Homo sapiens

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Input Set : E:\22327 Sequence Listing.txt

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335 <400> SEQUENCE: 15

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340 tatccgggtg cggctccacc ccttccacgt catccgcac cacaagatgt tgtcctgtgc      180
342 tggggctgac aggtccaaa caggcatgcg aggtgccttt ggaaagcccc agggcactgt      240
344 ggccagggtt cacattggcc aagttatcat gtccatccgc accaagctgc agaacaagga      300
346 gcatgtgatt gaggcctgc gcagggccaa gttcaagttt cctggccgcc agaagatcca      360
348 catctcaaag aagtggggct tcaccaagtt caatgctgat gaatttgaag acatgggtggc      420
350 tgaaaagcgg ctcatccag atggtctgtg ggtcaagtac atccccagtc gtggccctct      480
352 ggacaagtgg cgggcctgc actcatgagg gcttccaatg tgtgcccc      529

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356 <211> LENGTH: 393

357 <212> TYPE: DNA

358 <213> ORGANISM: Homo sapiens

360 <400> SEQUENCE: 16

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363 gtgggtgct ctgttcataa gggctttgcc ttgcttcagt atgttaatga gagaaatgcc      120
365 cgggctgctg tagcaggaga ggatggcaga atgattgctg gccaggtttt agatattaac      180
367 ctggctgcag agccaaaagt gaaccgagga aaagcagggtg tgaaacgac tgcagcggag      240
369 atgtacggct cctcttttga cttggactat gactttcaac gggactatta tgataggatg      300
371 tacagttacc cagcacgtgt acctcctcct cctcctattg ctggggctgt agtgcctcgc      360
373 aaacgtcagc gtgtatcagg aaacacttca cga      393

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376 <210> SEQ ID NO: 17

377 <211> LENGTH: 496

378 <212> TYPE: DNA

379 <213> ORGANISM: Homo sapiens

381 <400> SEQUENCE: 17

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382 taggtatatc ctttggctct ccacagtcac gttgagggtg gctccctggt atggtaaaaa      60
384 gccaggcata atgtaacttc accccagcct ttgtactaag ctcttgatag tggatatact      120
386 cttttaagtt tagccccaat atagggtaat ggaaatttcc tgccctctgg gttccccatt      180
388 ttactatta agaagaccag tgataattta ataatgccac caactctggc ttagttaagt      240
390 gagagtgtga actgtgtggc aagagagcct cacacctcac taggtgcaga gagcccaggc      300
392 cttatgttaa aatcatgcac ttgaaaagca aaccttaatc tgcaaagaca gcagcaagca      360
394 ttatacggtc atcttgaatg atccctttga aatttttttt ttgtttgttt gtttaaatca      420
396 agcctgaggc tggatgaacag tagctacaca cccatattgt gtgttctgtg aatgctagct      480
398 ctcttgaatt tggata      496

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403 <212> TYPE: DNA

404 <213> ORGANISM: Homo sapiens

406 <400> SEQUENCE: 18

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409 tccaggcagc caagaacttg atgaatgctg tgggtgcagac agtgaaggca tcctacgtcg      120
411 cctctaccaa ataccaaaag tcacagggtg tggcttccct caaccttcct gctgtgtcat      180
413 ggaagatgaa ggcaccagag aaaaagccat tggatgaag agagaaacag gatgagacac      240
415 agaccaagat taaacgggca tctcagaaga agcacgtgaa cccggtgcag gccctcagcg      300
417 agttcaaagc tatggacagc atctaagtct gccaggccg gccgccccca cccctcgggg      360
419 ctctgaata tcagtcactg ttcgtcactc aaatgaattt gctaaataca acactgatac      420
421 tagattccac agggaaaatgg gcagactgaa ccagtccagg tggatgaattt tccaagaaca      480

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:26; N Pos. 174,389
Seq#:32; N Pos. 36
Seq#:33; N Pos. 105,112,127,141
Seq#:40; N Pos. 35
Seq#:55; N Pos. 34,104,141,152,174,177,197,202,204,206,232,235,244,271,303
Seq#:55; N Pos. 312,315,349,354,384,389,400,407,415,423,499
Seq#:72; N Pos. 37,177
Seq#:86; N Pos. 297,298
Seq#:96; N Pos. 321,322
Seq#:122; N Pos. 231
Seq#:124; N Pos. 287
Seq#:156; N Pos. 277
Seq#:160; N Pos. 76
Seq#:163; N Pos. 66
Seq#:165; N Pos. 190,191,192,194,195,196,197,198,199,200,308
Seq#:191; N Pos. 182,475,514,515
Seq#:209; N Pos. 148
Seq#:216; N Pos. 57,58,59,183,303,305,316,389,404

VERIFICATION SUMMARY

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L:9 M:270 C: Current Application Number differs, Replaced Current Application Number

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:605 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:120

L:613 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:360

L:743 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0

L:774 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:60

L:776 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:120

L:935 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0

L:1294 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:0

L:1296 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:60

L:1298 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:120

L:1300 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:180

L:1302 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:240

L:1304 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:300

L:1306 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:360

L:1308 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:420

L:1310 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:480

L:1683 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:0

L:1687 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:120

L:2001 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86 after pos.:240

L:2239 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96 after pos.:300

L:2835 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:122 after pos.:180

L:2893 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:124 after pos.:240

L:3643 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:156 after pos.:240

L:3743 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:160 after pos.:60

L:3824 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:163 after pos.:60

L:3880 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:165 after pos.:180

L:3884 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:165 after pos.:300

L:4502 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191 after pos.:180

L:4510 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191 after pos.:420

L:4512 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191 after pos.:480

L:4946 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:209 after pos.:120

L:5123 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216 after pos.:0

L:5129 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216 after pos.:180

L:5133 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216 after pos.:300

L:5135 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216 after pos.:360